

**ABSTRACT**

Within the framework of the transmission of DVB services over an IP network, the tendency is to separate the signalling information describing the network and the services offered from the services themselves. The signalling is made available to the terminals via XML files available on HTTP servers. In contradistinction to this approach, the invention consists of a method of discovery, by a terminal connected to an IP type network, of DVB services on the IP type network, where the terminal uses a first IP address and a first port number to receive a transport stream transmitted to this IP address on this port. The terminal extracts from the said stream the signalling tables including the networks information table (NIT). The descriptors of networks contained in the said networks information table (NIT) designating IP transmission addresses and the associated ports, the terminal connects to at least part of the transport streams transmitted to the said IP addresses on the said ports so as to read the associated service description table (SDT) . The terminal uses this information to construct a possibly unitary list of the services available on the network.